

PROTECTION OF USERS

When a pedestrian walkway is provided on a highway bridge the walkway shall be separated from the adjacent roadway by one of the following methods:

- When the design speed is less than or equal to 50 mph a raised walkway with a minimum height barrier curb of 6 inches shall be provided.
- When the design speed is greater than 50 mph, traffic or combination railing shall be provided.

All bridge railing shall meet the requirements of Section 13 of the AASHTO LRFD Bridge Design Specifications.

Commentary

The LRFD Bridge Design Specifications require walkways to be separated from the roadway with the use of a traffic or combination rail on high-speed urban expressways. Article 13.2, Definitions for Speed-Low/High, specifies high speeds with expressways or freeways are posted speeds of 50 mph or more.